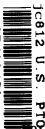


07/13/01



BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Docket No. 005850USA/ETEC/MBE

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re: Inventor(s): MATTHEW J. JOLLEY et al.  
Title: PATTERN GENERATION METHOD AND APPARATUS USING CACHED CELLS OF HIERARCHICAL DATA

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 38 pages.  
☒ Drawings totaling 1 pages,      Formal ☒ Informal.  
☒ Executed Declaration and Power of Attorney.  
☒ Assignment of the invention to **Applied Materials, Inc.**  
☒ Assignment Recordation Cover Sheet  
☒ Information Disclosure Statement and Form 1449 along with copies 8 references recited therein  
☒ Postage Paid Return Postcard

## FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	34	-20=	14	X\$50.00	\$720.00
Independent Claims	12	-3=	9	X\$80.00	\$720.00
Basic Filing Fee				\$710.00	\$710.00
<b>TOTAL FEES</b>					\$1,682.00

- ☒ The Commissioner is hereby authorized to charge \$1,682.00 to Deposit Account No. 50-1074.  
☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.  
☒ Please address all future correspondence to:

**PATENT COUNSEL**  
**APPLIED MATERIALS, INC.**  
Legal Affairs Department  
P.O. BOX 450A  
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. 635527742349Date of Deposit 7-13-01Signature Peter J. Sgarbossa

Respectfully submitted,

*Peter J. Sgarbossa*  
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Registration No. 25,610

APPLICATION FOR  
UNITED STATES LETTERS PATENT

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TITLE:

PATTERN GENERATION METHOD AND  
APPARATUS USING CACHED CELLS OF  
HIERARCHICAL DATA

DOCKET NO.:

5850 USA/ETEC/RWM

**APPLIED MATERIALS, INC.**

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

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